Index of Claims

| Appli | cation | No. |
|-------|--------|-----|

10/698,105

Examiner

Applicant(s)

ANNESWAMY ET AL.

Art Unit

John E. Rovnak

3714

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

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O Objected

|            |  | L        | <u></u>   |              |  |                | ┙  |              | L               |          |
|------------|--|----------|-----------|--------------|--|----------------|--|--------------|-----------------|----------|
| CI         | aim  | Т        |           |              |  | Da             | to   |              |                 |          |
| Final      | Original   | 4/11/04  |           |              |  | Ja             |  |              |                 |          |
|            | ļ  | 04       | ή_        | -            | ↓                                      | <b>-</b>       | _  | _            | ╄.              |          |
|            | 1  |          | 1         | -            | 4                                      | ╀              | ╀  | ┼-           | ╄               | <u> </u> |
|            | 2  | 1        | }-        | ╀            | ╄                                      | 4-             | 1  | -            | +               | -        |
| <u> </u>   | 3  | H        | ┢         | ┼            | ╁                                      | +              | +-   | ╁            | ╁               | ┼        |
|            | 5  | ╂        | ┼         | +            | +                                      | +              | +  | +            | +-              |          |
|            | 1<br>2<br>3<br>4<br>5<br>6                               | H        | $\vdash$  | ╁┈           | ╁                                      | ╁              | +-   | ╁            | +               | +        |
| <b>—</b> — | 7  | H        | $\vdash$  | ╁            | ╁                                      | ╁╴             | ╁  | ╁            | ╁               | $\vdash$ |
| <u> </u>   | 8  |          | $\dagger$ | 1            | <u> </u>                               | $\dagger$      | +  | †            | +               | T        |
|            | 9  |          |           |              |  |                | $\dagger$  | t            | $\top$          | 1        |
|            | 10   | П        |           |              | T                                      |                |  | 1            |                 |          |
|            | 11   | П        |           | 1            |  | 1              |  |              |                 |          |
|            | 12   |          |           |              |  |                |  |              |                 |          |
|            | 13   | Ц,       | L         |              | <u> </u>                               |                |  |              |                 |          |
|            | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | \♥       | <u> </u>  | $oxed{oxed}$ | $oxed{oxed}$                           | <u> </u>       | $\perp$  | _            | 1               |          |
|            | 15   | ~        | L         | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ | <u> </u>       | 1  | 1            | 1               | Ш        |
|            | 16   | ļ        | <u> </u>  | _            | ↓                                      | _              | 1  | <u> </u>     | 1_              | Ш        |
|            | 17   |          | ├         | <b>├</b>     | <u> </u>                               | ┾              |  | ₩            | ▙               |          |
|            | 10   |          | ├         | ├-           | 1                                      | +              | ╁  | $\vdash$     | ╁               | ╢        |
|            | 19   |          | -         | ⊢            | -                                      | +              | 1  | ╁            | -               | $\vdash$ |
|            | 21   | $\vdash$ |           | -            | $\vdash$                               | $\vdash$       | ┼  | ┼—           | ┢               | -        |
|            | 21<br>22   |          |           | $\vdash$     | $\vdash$                               | ╁┈             | +  | $\vdash$     | +               | $\vdash$ |
|            | 23   |          |           | $\vdash$     | <del> </del>                           | $\vdash$       | +-   | ┼─           | +               | Н        |
|            | 24   |          | -         | ╁            | $\vdash$                               | †              | $\vdash$   | T            | $\vdash$        | $\vdash$ |
|            | 25   |          |           |              | T                                      | 1              |  |              | 1               | П        |
|            | 26   |          |           |              | 1                                      | T              | T  |              |                 |          |
|            | 27   |          |           |              |  |                |  |              |                 | П        |
|            | 23<br>24<br>25<br>26<br>27<br>28<br>29                   |          |           |              |  |                |  |              |                 |          |
|            | 29   | -        | L         |              |  |                |  |              |                 |          |
|            | 30   |          | L.        | _            |  | ļ              | _  | L            |                 |          |
|            | 31<br>32<br>33   |          |           | <u> </u>     | <u> </u>                               | Ļ              | <u> </u>   |              |                 |          |
|            | 32   | _        | <u> </u>  | <u> </u>     | <u> </u>                               | ┞—             | 1  | ┝            | <u> </u>        | Ы        |
|            | 34   |          |           | -            | -                                      | <del> </del> — | ┢  | <del> </del> | <u> </u>        | Н        |
|            | 35   | _        |           | <u> </u>     |  | $\vdash$       | <del> </del>                                     | $\vdash$     |                 | $\vdash$ |
|            | 36   |          |           | _            |  | -              | <u> </u>   | <u> </u>     |                 | Н        |
|            | 37   |          |           |              | ├                                      | -              |  |              | -               |          |
|            | 38   |          |           | -            |  | $\vdash$       | <del> </del>                                     |              |                 | $\vdash$ |
|            | 39   |          |           |              | $\vdash$                               | l              | <del>                                     </del> |              | <u> </u>        |          |
|            | 40   |          |           |              |  |                | Г  |              |                 | П        |
|            | 41   |          |           |              |  |                |  |              |                 |          |
| $\Box$     | 42   |          |           |              |  |                |  |              |                 |          |
|            | 43   |          |           |              |  |                |  |              |                 |          |
|            | 44   |          |           |              |  | <u> </u>       |  | <u> </u>     |                 |          |
|            | 45   |          |           |              |  | <u> </u>       | <u> </u>   | <u> </u>     |                 | Ш        |
|            | 46   |          | _         |              |  |                | <u> </u>   | <u> </u>     | Щ               |          |
|            | 47   | -        |           |              |  | <u> </u>       | -  | Щ            |                 | $\sqcup$ |
|            | 48   | $\dashv$ | $\dashv$  |              | _                                      | $\vdash$       |  |              |                 | -        |
|            | 49<br>50   | -        | $\dashv$  | -            |  |                | $\vdash$   | -            | $\vdash \vdash$ | $\dashv$ |
| - 1        | JU   | - 1      |           | - 1          |  | i l            |  | 1 1          | ı i             | - 1      |

| Cla             | aim            | T            | •        |          | _  | Da   | te           |  |              |              |
|-----------------|----------------|--------------|----------|----------|--|--|--------------|--|--------------|--------------|
|                 | 1              | 1            | Τ        | T        | Т  | T  | T            |  | T            | Т            |
| Final           | Original       |              |          |          |  |  |              |  |              |              |
| -               | l              | ╀            | ┢        | +        | - -  | +  | +-           | ╁  | ╁            |              |
| -               | 51<br>52       | +            | ╁        | +        | ╁  | ╁╌   | ╁            | +  | ┼            | ╁            |
|                 | 53             | ╁            | +        | +        | +  | +  | +-           | H  | +            | +-           |
| _               | 54             | +            | ╁        | +        | +-   | -}   | ╁            | ╁  | +            | ╁            |
| -               | 54<br>55       | +            | +        | ╁        | +  | +-   | +            | +  | ╁╌           | ╁╾           |
|                 | 56             | <b>†</b>     | T        | +        | +  | +  |              | $\vdash$   | 1            | +            |
|                 | 57             |              | 1        | +-       | +  | T  | †-           | t  | t            | 1            |
|                 | 58             |              |          | Т        | T  | Τ  | T            |  |              |              |
|                 | 59             |              |          |          | Ţ  |  |              |  |              |              |
|                 | 60             | <u></u>      |          |          |  |  |              |  |              |              |
|                 | 61             |              | _        | _        |  | <u> </u>                                     | 1_           |  |              | _            |
| <u> </u>        | 62<br>63       | <u> </u>     | <u> </u> | ╄        | 1  | ↓_   | ↓_           | L  | ļ            |              |
|                 | 63             | ļ            | ▙        | 4        | ╄-   | $\perp$                                      | <del> </del> | _  | <u> </u>     | <u> </u>     |
|                 | 64<br>65       | <u> </u>     | ⊢        | ⊢        | -  | +  | ╄            | ├  | <u> </u>     | ⊢            |
| -               | 66             | $\vdash$     | ├        | $\vdash$ | +  | +-   | +            | $\vdash$   | <del> </del> | <del> </del> |
| -               | 67             | <u> </u>     | -        | +-       | +  | +  | ┼            |  |              | ├            |
|                 | 68             | -            | ┢        |          | +  | +-   | +            | $\vdash$   | ╁            | $\vdash$     |
|                 | 69             | <del> </del> | -        | $\vdash$ |  | +  | 1            | -  | $\vdash$     | H            |
|                 | 70             | ⇈            |          | †        | ✝  | T  | ऻॱॱ          | <del>                                     </del> | $\vdash$     | ┢            |
|                 | 71             |              |          | $\top$   | T  |  | 1            |  |              |              |
|                 | 72             |              |          |          |  |  | Ī            |  |              | l            |
|                 | 72<br>73<br>74 |              |          |          |  |  |              |  |              |              |
|                 | 74             | _            | _        | ļ        |  |  | <u> </u>     | _  |              | <u> </u>     |
|                 | 75<br>76       | <u> </u>     |          |          | _  |  | <u> </u>     | L.   | _            |              |
|                 | 76             | _            |          | ├        | ┡  | -  | <b>├</b> -   | _  | _            |              |
|                 | 77<br>78       |              | -        | ┝        | <del> </del> -                                   | -  |              | -  |              | -            |
|                 | 79             |              | ├        | ├-       | $\vdash$   | ╁  | <del> </del> |  | -            | -            |
|                 | 80             | -            | $\vdash$ | ┢        | ╁╌   | ╁  | $\vdash$     | -  | $\vdash$     |              |
|                 | 81             | -            | _        |          | <del>                                     </del> | t  |              |  |              | -            |
|                 | 82             |              | -        | <u> </u> | t  | 1  | 1            |  |              | i —          |
|                 | 83             |              |          |          |  |  |              |  |              |              |
|                 | 84             |              |          |          |  |  |              |  |              |              |
|                 | 85             |              |          | <u> </u> | L  | <u>                                     </u> |              |  |              |              |
|                 | 86             |              |          | <u> </u> |  | L  |              |  |              |              |
|                 | 87             |              |          |          |  | L  | L            |  |              |              |
| $\vdash \vdash$ | 88<br>89       |              |          | <u> </u> | $\vdash$   | ├  |              |  |              |              |
| <del> </del>    | 90             |              |          |          | $\vdash$   | <del> </del>                                 | -            | $\vdash$   |              | $\vdash$     |
|                 | 91             |              |          | -        | -  |  |              |  | _            | $\vdash$     |
|                 | 92             |              |          | _        | $\vdash$   |  |              |  |              | -            |
|                 | 93             |              |          |          |  |  |              |  |              | Н            |
|                 | 94             |              |          |          |  |  | П            |  |              |              |
|                 | 95             |              |          |          |  |  |              |  |              |              |
|                 | 96             |              |          |          |  |  |              |  |              |              |
| L               | 97             |              |          |          |  | Щ  | ]            |  |              |              |
|                 | 98             |              |          |          | L.,  |  |              | _  |              |              |
|                 | 99             |              |          |          |  | Щ  |              | _  |              |              |
|                 | 100            |              |          |          |  | لـــا  |              |  |              |              |

|               | J                 | L_        | L  |              |              |          |  |  | _[   |          |
|---------------|-------------------|-----------|--|--------------|--------------|----------|--|--|--|----------|
|               |                   |           |  |              |              |          |  |  |  |          |
| CI            | aim               |           |  |              |              | Da       | te   |  |  |          |
| Final         | Original          |           |  |              |              |          |  |  |  |          |
|               | 101               |           | T  |              | T            | Τ-       | †  | †  | T  |          |
|               | 102               |           |  |              | 1            | 1        | $\top$   |  | Τ'''   | $\Box$   |
|               | 103               |           |  | Ī            |              |          |  | 1  |  |          |
|               | 104               |           |  |              |              |          |  |  |  |          |
|               | 105               |           |  |              |              |          |  |  |  |          |
|               | 106<br>107        |           |  | <u> </u>     |              |          |  |  |  |          |
|               | 107               |           | $ldsymbol{ld}}}}}}$ | <u> </u>     |              | $\perp$  |  |  | L  |          |
|               | 108               |           | <u> </u>   | <u> </u>     | _            | ↓_       | ┺  | _  |  | Ш        |
|               | 109               |           |  | L            | ╙            | ╄        | _  | ļ  | <u> </u>                                     | Ш        |
|               | 110               |           |  |              | ╀            | ╁        |  | _  | _  | Ш        |
|               | 111               |           |  |              |              | -        | 1  | ⊢  | ┡  | $\sqcup$ |
|               | 111<br>112<br>113 |           |  |              | <del> </del> | ╀        | ╀╌   | ┼  | -  | $\vdash$ |
|               | 114               |           | -  |              | <del> </del> | ┼        | +  | +  | <u> </u>                                     |          |
|               | 114<br>115        | =         | _  |              | -            | ╁        | $\vdash$   | <del> </del>                                     | -  | $\vdash$ |
|               | 116               |           |  | $\vdash$     | ┼            | ╁        | ╁  | <del> </del>                                     | -  | Н        |
|               | 117               | $\neg$    | _  | <del> </del> | H            | ┢╌       | <del> </del>                                     | H  | ┢╌   | -        |
|               | 118               |           |  |              | <del> </del> | †        | $\vdash$   |  | l  |          |
|               | 119               |           |  |              | T            |          | T  | 1  | T  | Ħ        |
|               | 120               |           |  |              |              |          |  |  |  |          |
|               | 121<br>122        |           |  |              |              |          |  |  |  |          |
|               | 122               |           |  | _            |              | _        | _  |  | L  | Ш        |
|               | 123               |           |  | <u> </u>     |              | <u> </u> | <u> </u>   | ļ  |  |          |
|               | 124<br>125        |           |  | -            |              | ├        | <b> </b>   | -  | <u>.                                    </u> |          |
|               | 126               | $\dashv$  |  | _            | $\vdash$     | ⊢        | -  | ·  | -  | Н        |
|               | 127               | 一         |  |              | 一            | ├        | $\vdash$   |  |  | Н        |
|               | 128               | _         |  | _            | <u> </u>     | <u> </u> | -  |  | $\vdash$                                     | -        |
|               | 129               |           |  |              |              |          | Ħ  | <del>                                     </del> | -  | H        |
|               | 129<br>130        |           |  |              |              |          | Ī  |  |  |          |
|               | 131               |           |  |              |              |          |  |  |  |          |
|               | 132               |           | _  |              |              | L        | <u> </u>   | L_   |  | Ш        |
|               | 133               | _         |  |              |              |          | _  |  |  |          |
|               | 134<br>135        | -         | -  |              | <u> </u>     | -        | -  |  |  | H.       |
|               | 136               | $\dashv$  |  | -            |              | $\vdash$ | $\vdash$   | <u> </u>   | _  |          |
|               | 137               | $\dashv$  | $\dashv$   |              |              | $\vdash$ |  |  | _  | $\dashv$ |
|               | 138               | _         |  |              | _            | Н        | <del>                                     </del> | -  |  |          |
|               | 139               | ĺ         |  |              |              |          |  |  |  |          |
|               | 140               | [         |  |              |              |          |  |  |  |          |
|               | 141               | $\perp$   | 4  |              |              |          |  |  |  |          |
|               | 142               | $\dashv$  | _  |              |              | _        | <u> </u>   |  | L.,  | _        |
| -+            | 143               | $\dashv$  | 4  | _            | _            | <u> </u> | <u> </u>   |  |  | $\dashv$ |
|               | 144<br>145        | +         |  | -1           |              |          |  | -  |  | _        |
| $\rightarrow$ | 146               | +         | $\dashv$   |              |              | _        |  | -  | $\dashv$                                     | $\dashv$ |
|               | 147               | +         | $\dashv$   |              |              |          | -  | $\dashv$   | $\dashv$                                     | $\dashv$ |
| $-\dagger$    | 148               | $\forall$ | -+   |              |              |          |  | $\dashv$   | $\dashv$                                     | $\dashv$ |
|               | 149               |           |  |              |              |          |  | $\exists$  |  | $\neg$   |
|               | 150               |           |  |              |              |          |  |  |  |          |
|               |                   |           |  |              |              |          |  |  |  | -        |